## MiR-488 inhibits proliferation and cisplatin sensibility in non-small-cell lung cancer (NSCLC) cells by activating the eIF3a-mediated NER signaling pathway

Chao Fang<sup>1,2</sup>, Yi-Xin Chen<sup>1,2</sup>, Na-Yiyuan Wu<sup>1,2</sup>, Ji-Ye Yin<sup>1,2</sup>, Xiang-Ping Li<sup>3</sup>, Hsuan-Shun Huang<sup>4</sup>, Wei Zhang<sup>1,2</sup>, Hong-Hao Zhou<sup>1,2,5</sup>, Zhao-Qian Liu<sup>1,2,5\*</sup>

Departments of Clinical Pharmacology<sup>1</sup> and Pharmacy<sup>3</sup>, Xiangya Hospital, Central South University, Changsha 410008, P. R. China; <sup>2</sup>Institute of Clinical Pharmacology, Central South University, Hunan Key Laboratory of Pharmacogenetics, Changsha 410078, P. R. China; <sup>4</sup>Department of Research, Cervical Cancer Prevention Center, Tzu Chi University, Hualien 970, Taiwan, Republic of China; <sup>5</sup>Hunan Province Cooperation Innovation Center for Molecular Target New Drug Study, Hengyang 421001, P. R. China.

\* Corresponding author: Professor Zhao-Qian Liu, Department of Clinical Pharmacology, Xiangya Hospital, Central South University, Changsha 410008; P. R. China; Institute of Clinical Pharmacology, Central South University; Hunan Key Laboratory of Pharmacogenetics, Changsha 410078; P. R. China.

Tel: +86 731 84805380, Fax: +86 731 82354476, E-mail: liuzhaoqian63@126.com.

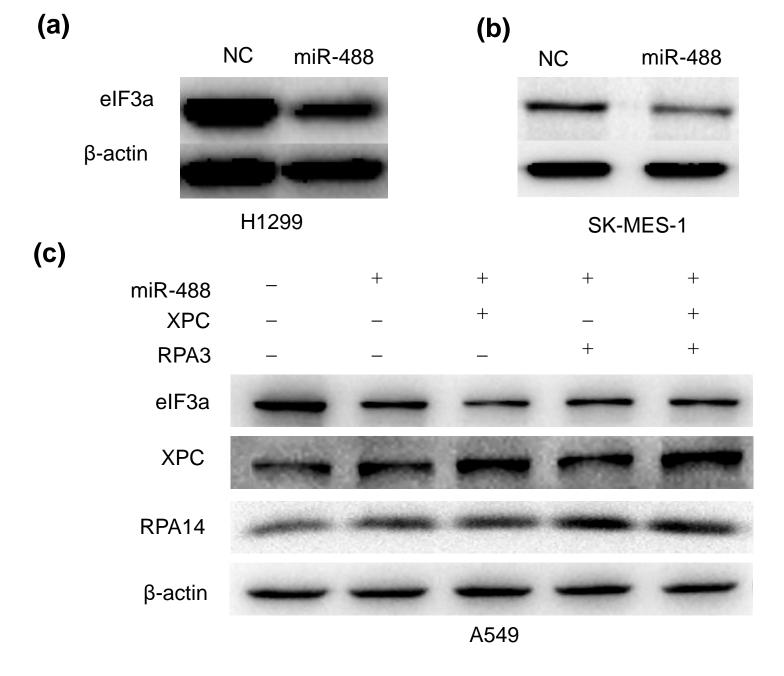
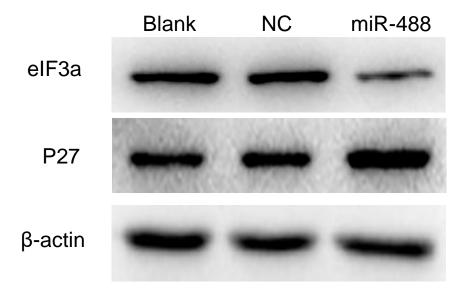


Figure S1. Transfection efficiency of miR-488 on eIF3a down-regulation.



**Figure S2.** The effect of miR-488 on the expression of P27 protein. Western blot was used to detect the P27 expression after the down-regulation of eIF3a with the miR-488 transfection.

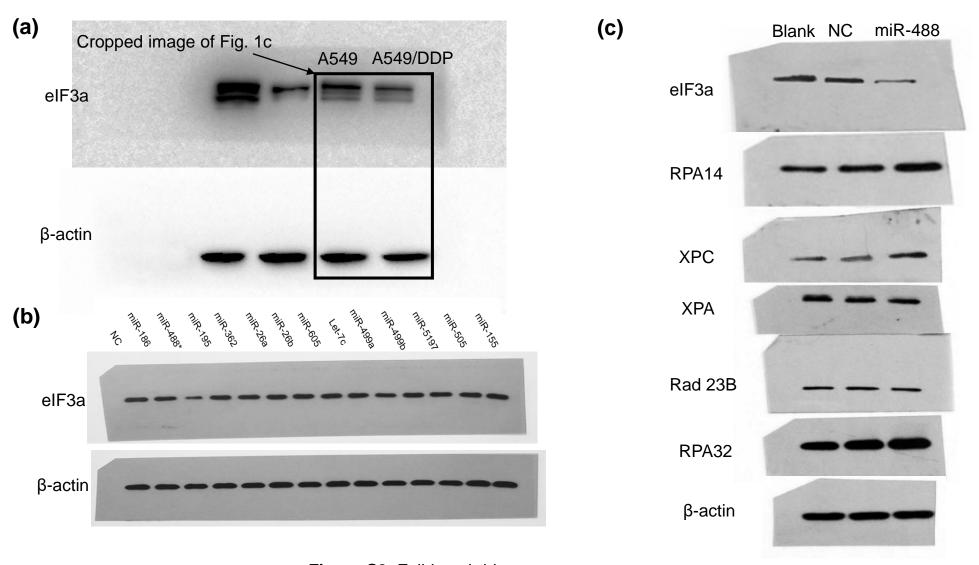


Figure S3. Full-length blots